news login

```
Welcome to MESSENGER (APS Text) at USPTO
      The USPTO production files are current through:
 -3/-
      08 OCT. 1996 for U.S. Patent Text Data.
      08 OCT. 1996 for U.S. Current Classification data.
      08 OCT. 1996 for U.S. Patent Image Data.
 ¥.
         * PLEASE USE 305-9000 FOR NEW TELEPHONE NUMBER *
 DISCLAIMER:
    Neither the United States Government, nor any agency
    thereof, nor any of their contractors, subcontractors or
    employees make any warranty, expressed or implied,
    including any warranty of marketability of fitness for a
    particular purpose; nor assumes any legal liability or
    responsibility for any party's use, or the results of
    such, of the data.
 *
   Help Desk --> 703-305-9000
 ×-
 ÷.
      The Help Desk is staffed for APS support 7 days/week.
  <del>)</del>;-
        Monday through Friday: 6:30am - 9:00pm
 ¥.
        Saturday, Sunday, Holidays: 8:30am - 5:00 pm
      The Help Desk staff at this number will handle all APS
  -3¢-
 *
      related questions.
      >>>>>>>> NEW SUNDAY HOURS !!! (((((((((
 ×
      The APS is available:
              6:30am - 9:00pm Monday through Friday
              7:30am - 5:00pm Saturday, Sunday, Holidays
        APS is unavailable Thanksgiving Day, Christmas Day,
        and New Year's Day.
=> d his
     (FILE 'USPAT' ENTERED AT 09:07:40 ON 10 OCT 96)
               SET PAG SCR
         90700 S 960103-961010/PD
L1
         20193 S GENE# OR DNA# OR CDNA# OR RNA# OR MRNA#
L.E
               SET HIG ON
             Ø S INTERFERONBETA?
L3
            13 S BETAINTERFERON#
L4
           566 S INTERFERON(2A) BETA?
L5
            80 S FIBROBLAST#(2A) IFN#
L6
           244 S FIBROBLAST#(2A) INTERFERON#
L7
           310 S IFN#(2A)BETA?
L8
```

```
3 S IFNBETA?
L9
              6 S BETAIFN#
Lig
            595 S L3 OR L4 OR L5 OR L6
1_11
            464 S L7 OR L8 OR L9 OR L10
L12
            817 S L11 DR L12
L13
            672 S L2 AND L13
114
             78 S L1 AND L14
L15
                SET PAG 24
                SET PAG SCR
```

- -> 'Displayed L15 1-78 fd rel w/o pr. ''DISPLAYED' IS NOT A RECOGNIZED COMMAND
- "Displayed L15 8,24,52,56 kwic w/o proping DISPLAYED" IS NOT A RECOGNIZED COMMAND
- => d 115 8,24,52,56 cit fd rel
- 8. 5,554,514, Sep. 10, 1996, Production of recombinant human interferon beta.sub.2.sbsb.B; Michel Revel, et al., 435/69.51, 240.2, 243, 252.3, 320.1; 536/23.52 [IMAGE AVAILABLE]

US PAT NO: 5,554,514 [IMAGE AVAILABLE] L15: 8 of 78

DATE FILED: Feb. 19, 1991

REL-US-DATA: Continuation of Ser. No. 65,404, Jun. 23, 1987, abandoned, which is a division of Ser. No. 860,883, May 5, 1986,

which is a division of Ser. No. 860,883, May 5, 1986, abandoned, which is a continuation—in-part of Ser. No. 208,925, Nov. 20, 1980, Pat. No. 5,468,607.

24. 5,541,312, Jul. 30, 1996, Production of interferon; Michel Revel, et al., 536/23.52; 435/252.3, 320.1; 935/13 [IMAGE AVAILABLE]

US PAT NO: 5,541,312 [IMAGE AVAILABLE] L15: 24 of 78

DATE FILED: Sep. 28, 1982

REL-US-DATA: Division of Ser. No. 208,925, Nov. 20, 1980, Pat. No. 5,468,607.

52. 5,514,567, May 7, 1996, DNA and recombinant plasmid; Haruo Sugano, et al., 435/69.51, 91.1, 172.3, 252.3, 252.33, 320.1; 536/23.52 [IMAGE AVAILABLE]

US PAT NO: 5,514,567 [IMAGE AVAILABLE] L15: 52 of 78

DATE FILED: Mar. 6, 1995

REL-US-DATA: Continuation of Ser. No. 389,922, Jun. 18, 1982, abandoned, which is a division of Ser. No. 201,359, Oct. 27, 1980, Pat. No. 5,326,859, Feb. 5, 1994.

56. 5,510,472, Apr. 23, 1996, Production of recombinant human interferon-beta2; Michel Revel, et al., 536/23.5; 435/69.51, 69.52 [IMAGE AVAILABLE]

US PAT NO: 5,510,472 [IMAGE AVAILABLE] L15: 56 of 78

DATE FILED: May 15, 1992

REL-US-DATA: Continuation-in-part of Ser. No. 208,925, Nov. 20, 1980, and a continuation of Ser. No. 449,447, Dec. 12, 1989, which is a continuation of Ser. No. 860,883, May 8, 1986, abandoned, which is a continuation-in-part of Ser. No. 208,925, Nov. 20, 1980.

=> log y U.S. Patent & Trademark Office LOGOFF AT 09:22:28 ON 10 OCT 96

chicled 1:st